# Measuring Successful Pretreatment Programs

**USEPA Performance Measures** 

#### Performance Measures 1-4

#### Benefits of preventing:

- Explosions and Hazardous Atmospheres
- pH Problems and Observed Corrosion
- Sewer Collection System Overflows Associated with Nondomestic Users
- Interference or Pass Through

## Performance Measures 5-6

#### **Benefits of Ensuring:**

Correct Permits and Representative Sampling

 Full Compliance with Local Limits and Categorical Standards

## Performance Measures 7-9

**Benefits of Promoting:** 

High Quality Biosolids

SIUs Voluntarily at Zero Discharge

Controls on Emerging Pollutants

| and a state of the | Performance Measures                    |                                       |   |                              |   |   |                        |                                       |                                    |
|--|---|---------------------------------------|---|------------------------------|---|---|------------------------|---------------------------------------|------------------------------------|
| Environmental, Public Health, and Asset Management<br>Benefits   | Explosions and Hazardous<br>Atmospheres | pH Problems and Observed<br>Corrosion | Sewer Overflows Associated with Nondomestic Users | Interference or Pass Through | Correct Permits and Representative Sampling | Full Compliance with Local<br>Limits and Categorical<br>Standards | High Quality Biosolids | SIUs Voluntarily at Zero<br>Discharge | Controls on Emerging<br>Pollutants |
| Health and Safety Protection   | √                                       | $\sqrt{}$                             | $\sqrt{}$   | $\sqrt{}$                    | $\sqrt{}$                                   | $\sqrt{}$   | $\sqrt{}$              | $\sqrt{}$                             | $\sqrt{}$                          |
| Continuity in Service  | √                                       | $\sqrt{}$                             | $\sqrt{}$   | <b>√</b>                     |   | $\sqrt{}$   |                        |                                       |                                    |
| Protection against POTW and Collection System Failure  | √                                       | $\checkmark$                          | $\sqrt{}$   | √                            | <b>√</b>                                    | $\sqrt{}$   | P                      |                                       | 1                                  |
| Decreased Costs to Replace and Repair Assets   | <b>√</b>                                | $\sqrt{}$                             | $\sqrt{}$   | <b>√</b>                     | <b>√</b>                                    | $\sqrt{}$   | 18                     |                                       | SI,                                |
| Protection of Receiving Water Quality (reduced cleanup costs)  | <b>√</b>                                | $\sqrt{}$                             | $\sqrt{}$   | 1                            | √   | $\sqrt{}$   | √                      | $\sqrt{}$                             | $\sqrt{}$                          |
| Decreased Enforcement Action Costs to POTW   | √                                       | $\checkmark$                          | $\sqrt{}$   | V                            | <b>√</b>                                    | $\sqrt{}$   | 1                      | $\sqrt{}$                             | $\sqrt{}$                          |
| Decreased Possibility of Enforcement Action Against POTW   | <b>√</b>                                | $\sqrt{}$                             | $\sqrt{}$   | V                            | <b>√</b>                                    | $\sqrt{}$   | $\sqrt{}$              | $\sqrt{}$                             | $\sqrt{}$                          |
| Cost Savings to Nondomestic Users  | 100                                     | VAN                                   |   | WAY.                         |   | $\sqrt{}$   | √                      | $\sqrt{}$                             | $\sqrt{}$                          |
| Reduced Monitoring and Oversight Costs for POTW  | 1972                                    | 15                                    |   | 1                            | 37.75                                       |   | 11                     | $\sqrt{}$                             | 9                                  |
| Cost Savings in Sludge Removal Practices   |   | 338                                   |   |                              |   | 4 10  | $\sqrt{}$              |                                       | 121                                |
| Prevention of Litigation From Outside Parties  | <b>√</b>                                | $\sqrt{}$                             | $\sqrt{}$   | √                            | V   | $\sqrt{}$   | $\sqrt{}$              | $\sqrt{}$                             | $\sqrt{}$                          |
| Positive Public Relations  | √                                       | $\sqrt{}$                             | $\sqrt{}$   | <b>V</b>                     | <b>√</b>                                    | $\sqrt{}$   | √                      | $\sqrt{}$                             | $\sqrt{}$                          |